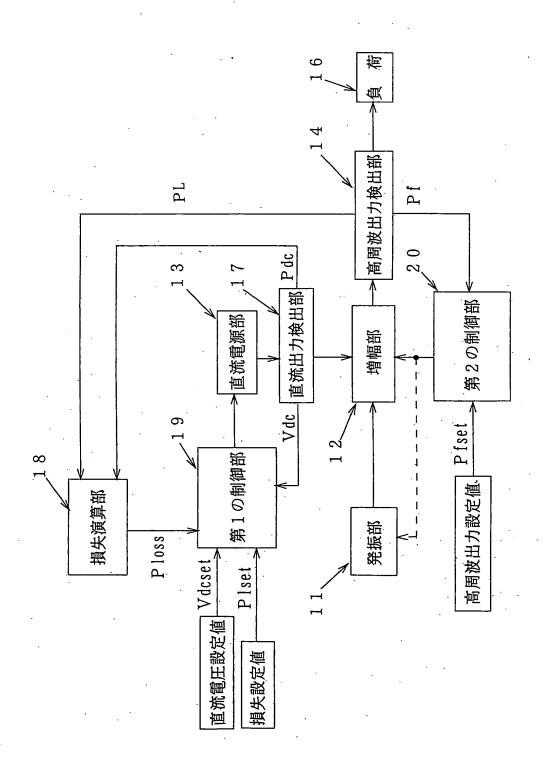
Inventor: KOTANI et al.
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Title: HIGH-FREQUENCY POWER SUPPLY APPARATUS

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FIG.1



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FIG.2

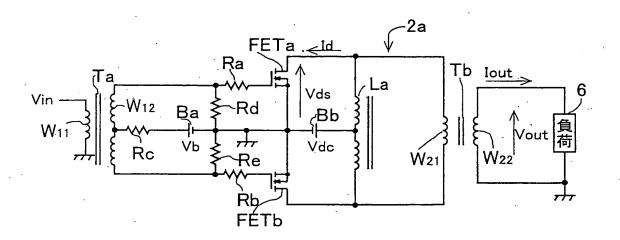
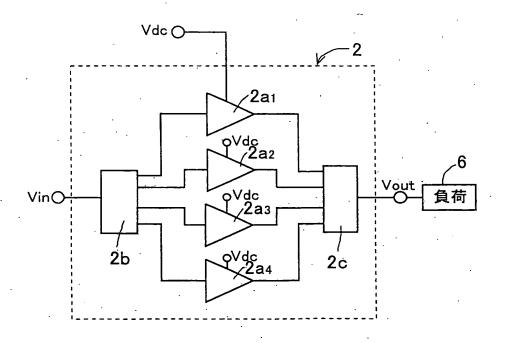
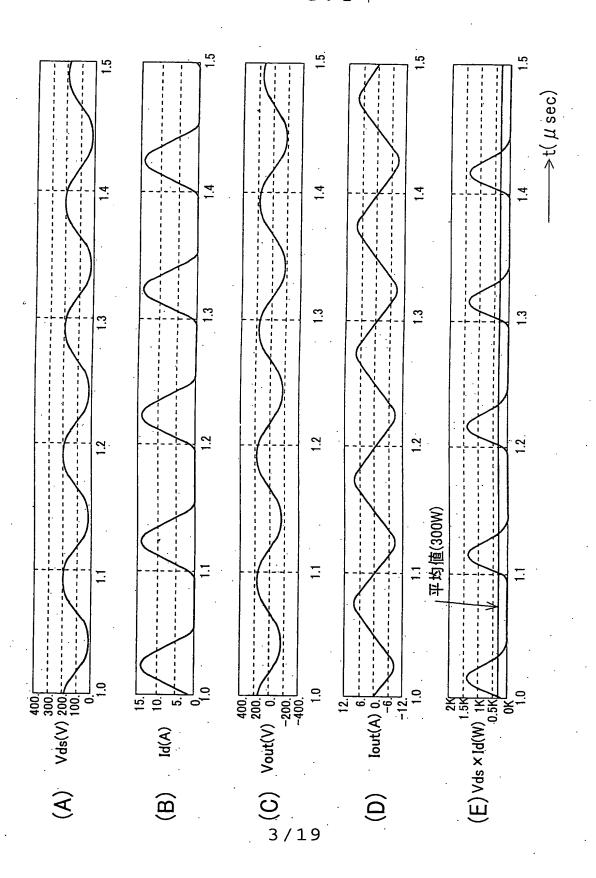


FIG.3



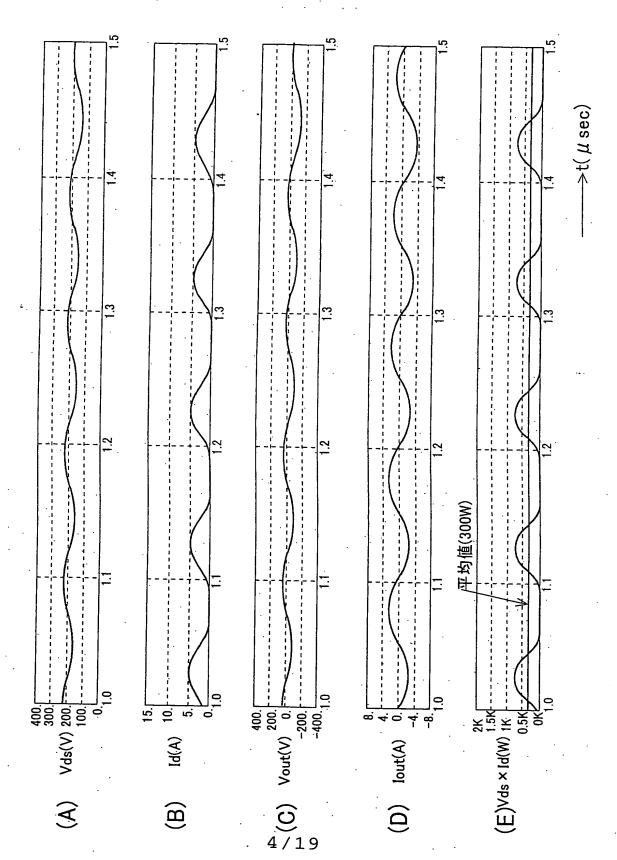
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FIG.4



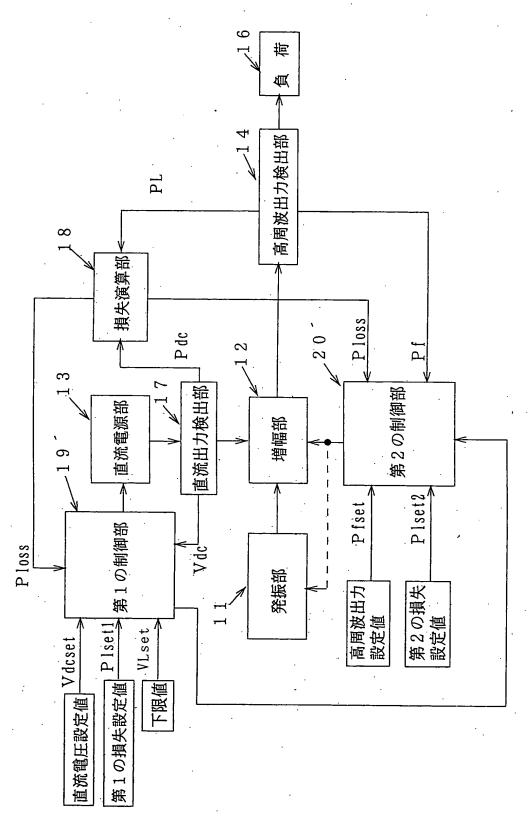
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FIG.5



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FIG.6



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FIG.7

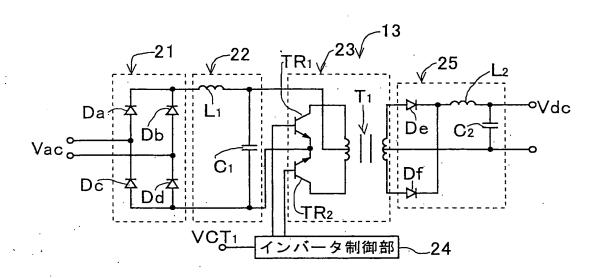
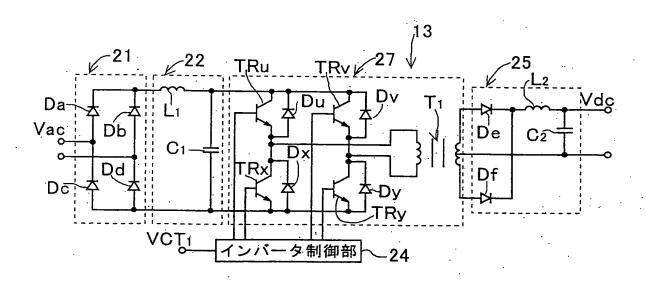


FIG.8



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FIG.9

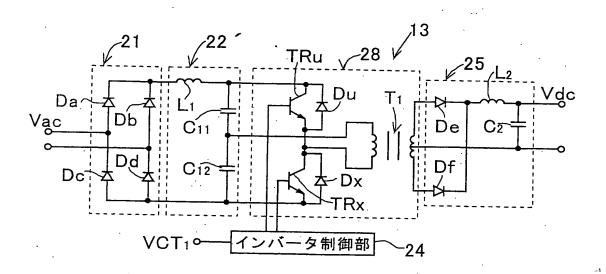
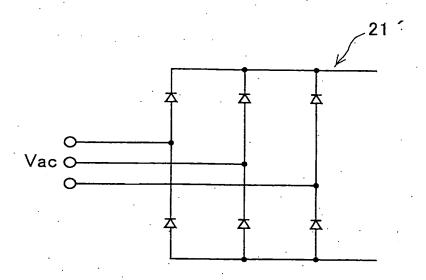
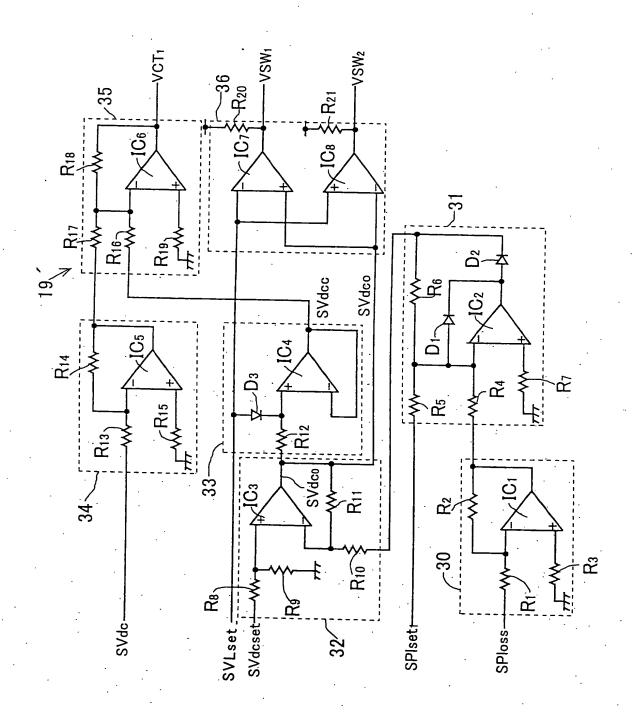


FIG. 10



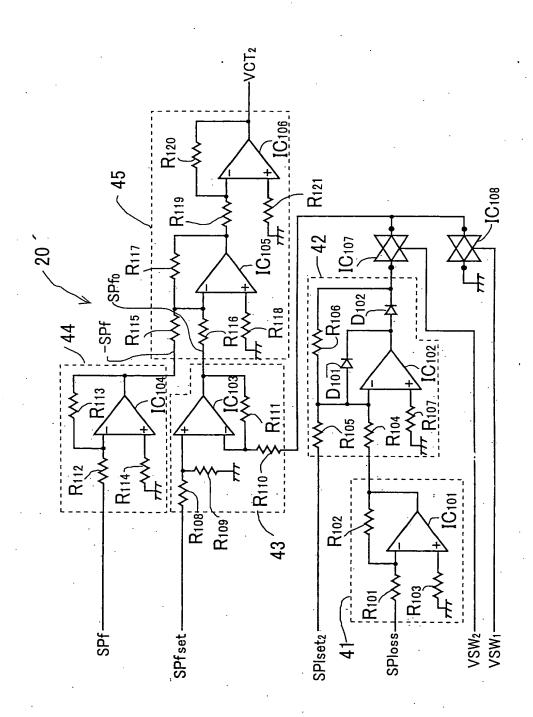
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FIG.11



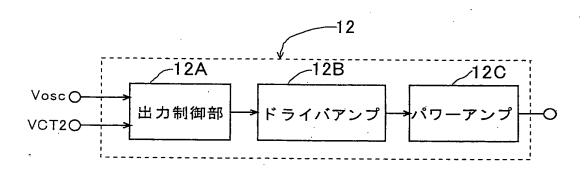
Inventor: KOTANI et al.
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FIG.12



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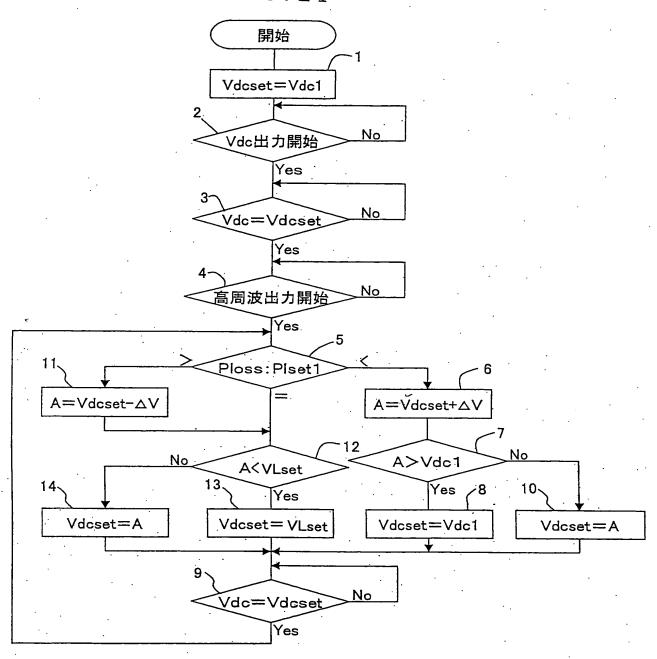
FIG.13



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FIG.14



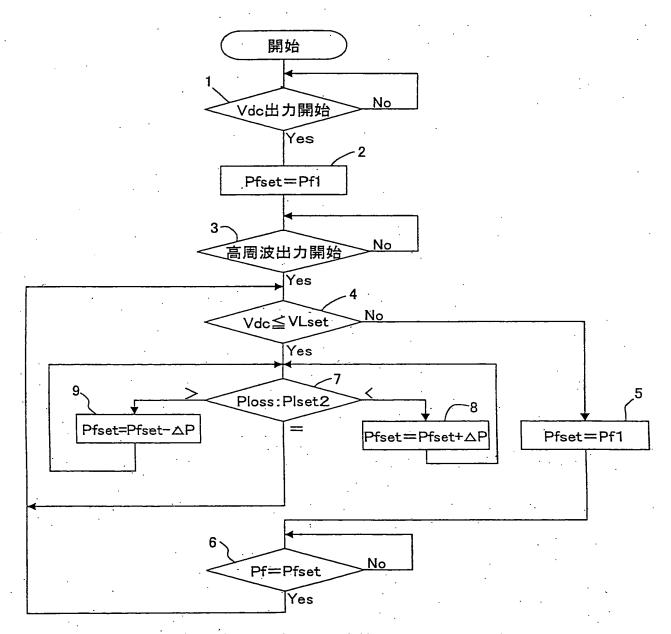
Vdc··· 直流電源部の出力電圧 Vdcset··· Vdc設定電圧 VLset··· Vdc下限設定電圧 Ploss··· 損失演算値 Plset1··· 第1の損失設定値 Vdc1··· 直流電源部の通常時の出力電圧設定値(初期値) ムV··· 固定の小さな電圧設定値

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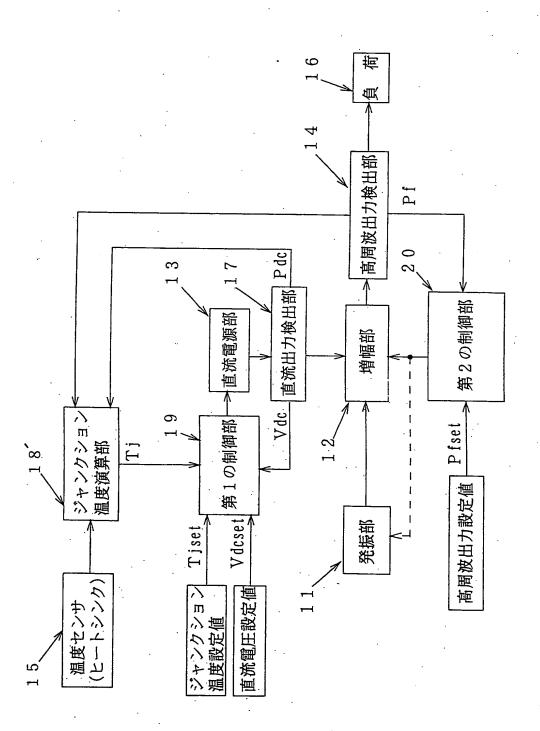
FIG.15



Pfset··· 進行波電力設定値 Pf1··· 進行波電力設定入力 Pf··· 進行波電力出力値 Vdc··· 直流電源部の出力電圧 VLset ·· Vdc下限設定電圧 Ploss··· 損失演算値 Plset2··· 第2の損失設定値 △P··· 固定の小さなパワー設定値

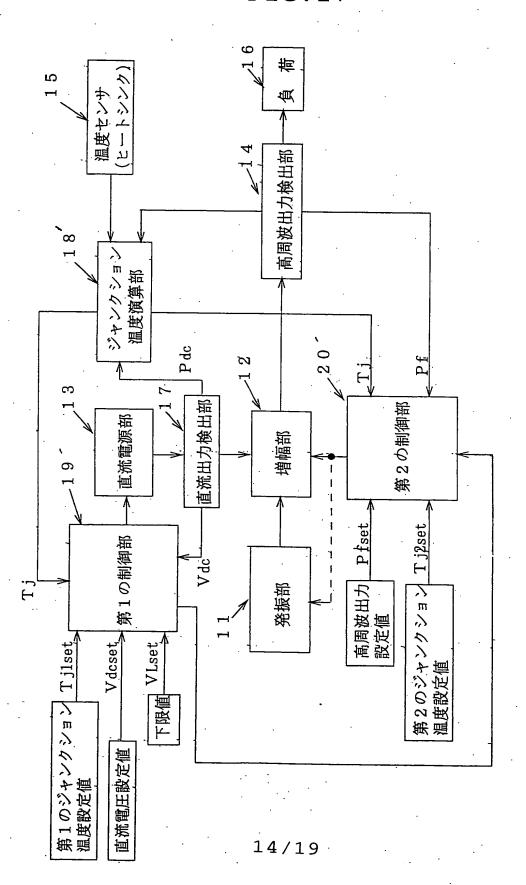
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FIG. 16



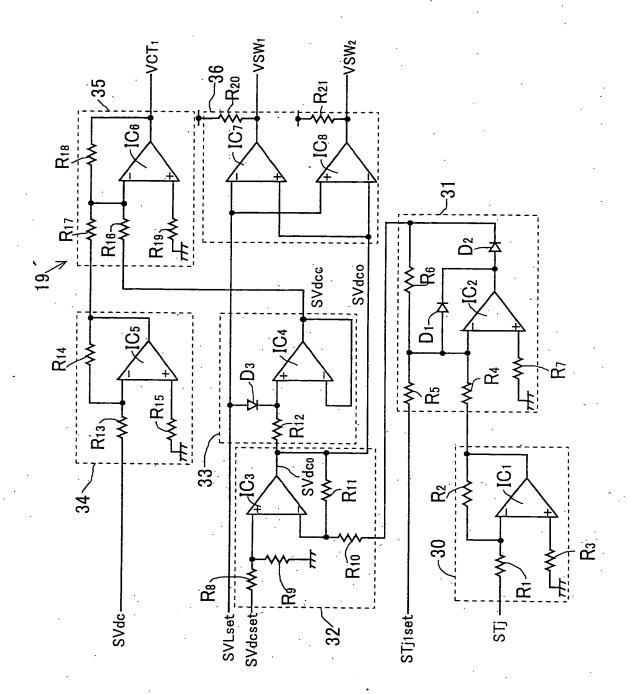
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FIG.17



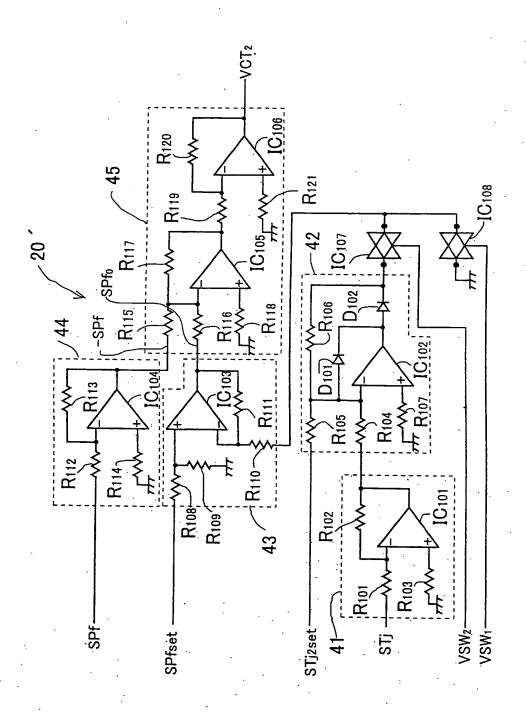
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FIG.18



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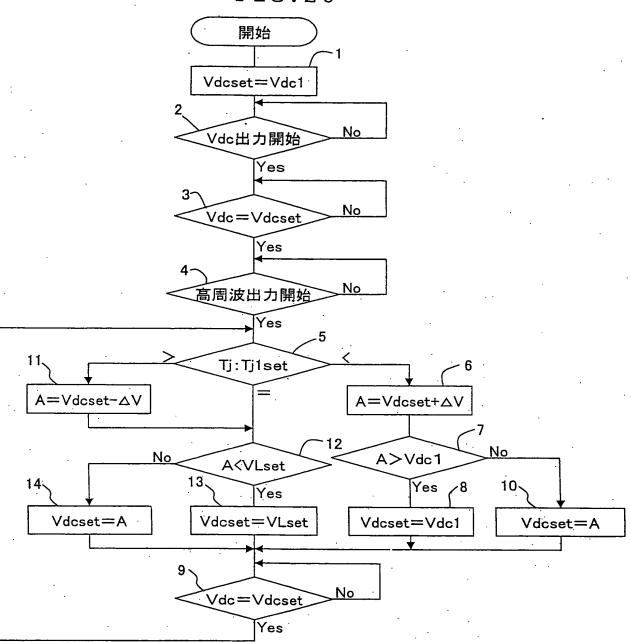
FIG.19



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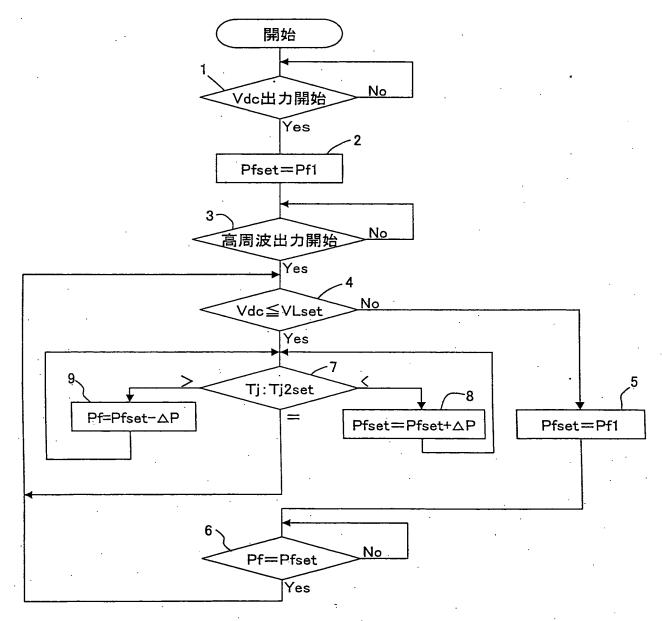
FIG.20



Vdc ··· 直流電源部の出力電圧Vdcset ··· Vdc設定電圧VLset ··· Vdc下限設定電圧Tj ··· ジャンクション温度演算値Tj1set ··· 第1のジャンクション温度設定値Vdc1 ··· 直流電源部の通常時の出力電圧設定値(初期値)ΔV ··· 固定の微小電圧設定値

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FIG.21



Pfset · · · Pf1 · · ·

Pf · · ·

Vdc · · ·

VLset ·

進行波電力設定値 進行波電力設定入力値 進行波電力出力値 直流電源部の出力電圧 Vdc下限設定電圧 ジャンクション温度演算値 第2のジャンクション温度設定値 固定の小さなパワー設定値 Tj ... Tj2set ·

ΔP · · ·

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FIG.22

